

FORENSIC TOXICOLOGY REPORT



FAA Civil Aerospace Medical Institute
Bioaeronautical Sciences Research Branch, Forensic Sciences
P.O. Box 25082, Oklahoma City, Oklahoma 73125
Ph: 405-954-6254, Fax: 405-954-3705



August 14, 2023

NAME [REDACTED]
LOCATION Tupelo, MS
DATE OF ACCIDENT 6/3/2023

CAMI # 202300090001
MODE Aviation
DATE RECEIVED 6/15/2023

NTSB # WPR23FA208
N # 4077W
STATUS FATAL

SPECIMENS Kidney, Liver, Lung, Muscle, Spleen

PUTREFACTION Yes

Screening tests employed

Spleen - Volatiles (HS GC/FID)
Muscle - Volatiles (HS GC/FID)
Lung - Volatiles (HS GC/FID)
Liver - Volatiles (HS GC/FID)
Kidney - Volatiles (HS GC/FID)
Liver - Drugs of abuse (Immunoassay)
Liver - General drug screen (LC/MS, GC/MS)

<u>Analyte</u>	<u>Result</u>	<u>Specimen</u>	<u>Instrument</u>
Ethanol	33 (mg/dL, mg/hg)	Liver	HSGC/FID
Ethanol	24 (mg/dL, mg/hg)	Lung	HSGC/FID
Ethanol	36 (mg/dL, mg/hg)	Kidney	HSGC/FID
Ethanol	29 (mg/dL, mg/hg)	Spleen	HSGC/FID
Ethanol	143 (mg/dL, mg/hg)	Muscle	HSGC/FID
Propanol (N-)	Detected	Liver	HSGC/FID
Propanol (N-)	Detected	Lung	HSGC/FID
Propanol (N-)	Detected	Kidney	HSGC/FID
Propanol (N-)	Detected	Spleen	HSGC/FID
Propanol (N-)	Detected	Muscle	HSGC/FID
Losartan	Detected	Liver	LC/MS
Losartan	Detected	Muscle	LC/MS

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CONTINUATION

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<u>Analyte</u>	<u>Result</u>	<u>Specimen</u>	<u>Instrument</u>
Rivaroxaban	Detected	Liver	LC/MS
Rivaroxaban	Detected	Muscle	LC/MS
Chlorothiazide	Detected	Liver	LC/MS
Chlorothiazide	Inconclusive	Muscle	LC/MS
Hydrochlorothiazide	Detected	Liver	LC/MS
Hydrochlorothiazide	Detected	Muscle	LC/MS
Naproxen	Detected	Liver	LC/MS
Naproxen	Detected	Muscle	LC/MS

2023.08.15 09:40:15
-05'00'

Russell Lewis, Ph.D., F-ABFT
Manager, Bioaeronautical Sciences Research Branch
Civil Aerospace Medical Institute, FAA

This record may be releasable under the FOIA request 15 days after signature date, unless FOIA exemptions apply.

Results listed in this report relate to tested specimen(s) only. See Forensic Toxicology web site for testing methodology and cutoffs as well as drug, FOIA, and contact information.

<http://www.faa.gov/go/toxlab>